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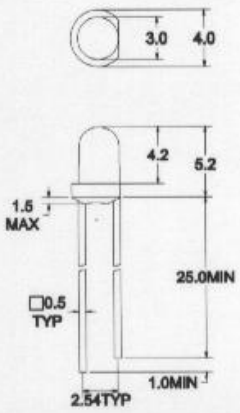
Jameco Part Number 206480

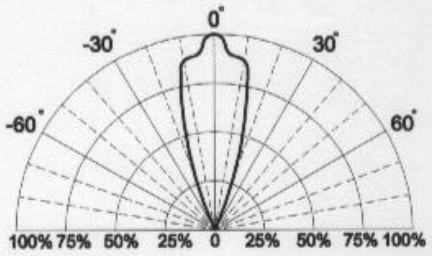
LIGITEK

SUPER BRIGHT ROUND TYPE LED LAMPS — **LVX2041** — SERIES

Package Dimension



Directivity Radiation



Note:1.All dimension are in millimeter tolerance is ± 0.25mm unless otherwise noted
2.specifications are subject to change without notice

• Part Selection And Application Information (Ratings At 25℃ Ambient)

PART NO	MATERIAL	COLOR		Peak wave length λ Pnm	Spectral halfwidth △λ nm	Forward voltage @20mA(v)		Luminous intensity @20mA(mcd)		Viewing angle 2θ 1/2 (deg)
		Emitted	*Lens*			Min	Max	Min	Typ	
LSR2041	GaAlAs	Red	Red Transparent	660	20	1.5	2.4	120	220	30
LHR2041	GaAlAs	Red	Red Transparent	660	20	1.5	2.4	220	350	30
LUR2041	GaAlAs	Red	Red Transparent	660	20	1.5	2.4	550	900	30
LVG2041	GaP	Green	Green Transparent	565	30	1.7	2.8	120	220	30
				Dominant wave length λ Dnm						
LVY2041	AlGaInP	Yellow	Yellow Transparent	595	15	1.7	2.8	300	450	30

• Absolute Maximun Rating (Ta=25℃)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	HR	UR		VG			VY				
Forward Current	40	40	40		30			30			mA	
Peak Forward Current Duty 1/10@1KHz	200	200	200		120			200			mA	
Power Dissipation	80			100			60				mW	
Reverse Current @5v	10			10		10					μA	
Operating Temperature	-40℃ TO +85℃											
Storage Temperature	-40℃ TO +100℃											

Lead Soldering Temperature 260℃ For 5 Seconds(2.0mm From Body)

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